

REMARKS

Claims 1-20 are pending in this application with claim 12 being amended by this response.

Objection to the Drawings

The drawings stand objected to as the reference numeral 600 is not mentioned in the description. In response to this objection the specification has been amended to include mention of the reference numeral 600. As this reference numeral is shown in the drawings it is respectfully submitted that the addition of this reference numeral to the specification adds no new matter to the application. In view of the amendment to the specification adding mention of the reference numeral 600 it is respectfully submitted that no drawing correction is necessary. It is thus respectfully submitted that this objection is satisfied and applicant respectfully requests the objection be withdrawn.

Objection to the Specification

The specification stands objected to as not including the serial numbers of related cases in the section "Cross References to Related Applications". The specification has been amended to include the proper serial numbers and filing dates for the cited patent applications. It is respectfully submitted that this amendment adds no new matter. In view of the amendment to the specification it is respectfully submitted that this objection is satisfied and should be withdrawn.

Objection to the Claims

The claims stand objected to for certain informalities. The claims have been amended to correct typographical errors as indicated by the Examiner. It is respectfully submitted that these amendment add no new matter. In view of the amendments to the claims it is respectfully submitted that this objection is satisfied and should be withdrawn.

Rejection of Claims 1-7, 10-11, and 20 under 35 U.S.C. 102

Claims 1-7, 10-11 and 20 are rejected under 35 U.S.C. 102(e) as being clearly anticipated by Harada et al. (U.S. Patent No. 6,246,442).

The present claimed invention recites a method and apparatus for storing program guide information for a plurality of programs in a receiver. The present claimed invention determines a program guide information level in response to user interaction with a graphical object indicative of the program guide information level. In response to said program guide information level, a program guide schedule length is determined. Program guide data according to the program guide information level and program guide schedule length is then stored.

Harada et al. recites an apparatus for displaying information representing a program guide in a cell arrangement. This apparatus determines which information is to be included in each cell based upon user input and arranges the cells and cell size based upon this information. Harada et al. neither disclose nor suggest determining a program guide information level in response to user interaction with a graphical object indicative of said program guide information level as in the present claimed invention. The present claimed invention determines the amount of information within the transmitted program guide to be downloaded by the receiver based upon user input. Harada et al. only disclose altering the data included in a displayed cell based on user input. Additionally, Harada et al. also neither disclose nor suggest adjusting the amount of data downloaded based upon user input. Harada et al. neither disclose nor suggest determining, in response to said program guide information level, a program guide schedule length as in the present claimed invention. Harada et al. generates a cell layout and guide arrangement based upon the amount of data to be displayed within each cell. This is unlike the present claimed invention, which determines the length of time the program guide schedule will extend into the future based upon the program guide information level or amount of data downloaded for each program. Harada et al. neither disclose nor

suggest storing program guide data according to said program guide information level and said program guide schedule length as in the present claimed invention. Harada et al. disclose storing a layout correspondence table in Figure 7 (referred to by the Examiner). This figure illustrates a layout correspondence of one piece of cell information to a detail degree and program guide arrangement for each piece of data to be displayed (see column 15, lines 26-48). For example, the detail degree indicates the amount of data to be included within the cell. The program guide arrangement information indicates the type of genre for the X-axis (e.g. channel) and the start time for the Y-axis. The cell layout indicates the size of the cell (e.g. 6 rows X 8 columns). This is unlike the present claimed invention, which stores program guide data, based upon a user determined amount of data downloaded (the program guide information level) and the determined program schedule length (the amount of time into the future the schedule will extend, e.g. 2.5 days), which is dependent upon the program guide information level.

Furthermore, the present claimed invention offers a utility that can be distinguished from Harada et al. The object of Harada et al. is to provide [...] an information display apparatus in which pieces of information are compared with each other at a user's desired volume level on condition that the pieces of information are arranged as many as possible (See column 1, lines 55-58). By contrast, the present claimed invention, as set forth in independent claims 1, 13, and 20, proposes a method and apparatus for storing program information for a plurality of programs in a receiver. The method and device store program guide data according to said program guide information level and said program guide schedule length. The present claimed invention maximizes efficiency in the memory 204 by downloading only the amount of program information desired by the viewer. Harada et al. offer a viewer a desired display order with regard to cell size and content, merely "hiding" unused information already stored in the memory.

In view of the above remarks, it is respectfully submitted that the present claimed invention is not anticipated by Harada et al. It is thus further respectfully submitted that this rejection is satisfied and should be withdrawn.

Rejection of claims 8-9 and 12-19 under 35 U.S.C. 103(a)

Claims 8-9 and 12-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Harada et al. in view of Bruette et al.

Bruette et al. recite a device for generating a main menu of a program guide, which includes program source information and program event information for a plurality of program sources, and means for generating navigation menus for allowing a viewer to modify the program guide (See column 2, lines 1-9). The apparatus in Bruette et al. further include user-controlled navigation menus for classifying and displaying program source information and that overwrites only a portion of the main menu (See column 2, lines 1-20). However, in contrast to the invention in Bruette et al., the present claimed invention offers a user-controlled menu that determines program guide information level and program guide schedule length, thereby determining the amount of program information downloaded into the memory 204, thereby providing maximum efficiency based on the user's needs. Bruette et al. does not claim nor suggest user control of the level of program information downloaded, but rather merely presents an advance over the display and classification of such program information.

Even if Bruette et al. suggest the advances over the prior art described in claims 8-9 and 12-19, it neither discloses nor suggests recited features of claim 1 as done previously.

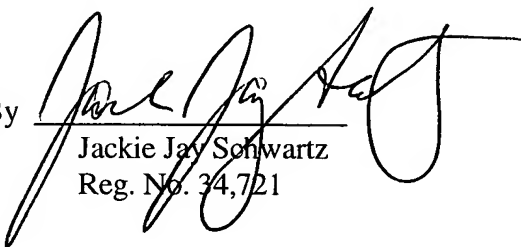
In view of the above remarks, it is respectfully submitted that Bruette et al. add nothing when taken alone or in combination with Harada et al. that would make the present claimed invention unpatentable. Therefore, withdrawal of rejection under 35 U.S.C. 103(a) of claims 8-9 and 12-19, as amended, is respectfully requested.

Having fully addressed the Examiner's rejections, it is believed that, in view of the preceding amendments and remarks, this application stands in condition for allowance. Accordingly then, reconsideration and allowance are respectfully solicited. If, however,

the Examiner is of the opinion that such action cannot be taken, the Examiner is invited to contact the applicant's attorney at the phone number below, so that a mutually convenient date and time for a telephonic interview may be scheduled.

No fee is believed due with this response. However, if a fee is due, please charge the additional fee to Deposit Account 07-0832.

Respectfully submitted,
Scott Edward Klopfenstein

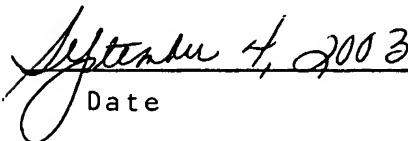
By 
Jackie Jay Schwartz
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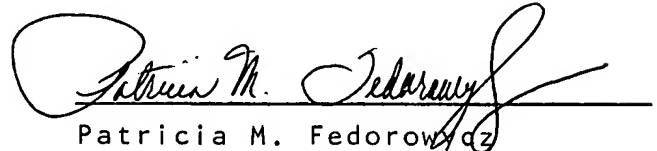
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